

ABSTRACT OF THE DISCLOSURE

An apparatus and method for processing a data call in a private EV-DO wireless network system construct a data location register (DLR) and AN_AAA, which are essential to an EV-DO wireless network configuration, in a private EV-DO wireless network to block an EV-DO terminal from maintaining a public network session and allow the EV-DO terminal to maintain only a private network session within a private area in building the private EV-DO wireless network in an area where security is required, so that the public network connection is not established. Thus, it is possible to prevent information outflow through the Internet with a public EV-DO wireless network connection, to limit private service with respect to a terminal having no permission, and to block in advance illegal information outflow through the Internet with a private EV-DO wireless network connection.